

ABSTRACT OF THE DISCLOSURE

An incremental forming apparatus 100 holds a workpiece 10 onto a table 110. A spindle is disposed perpendicularly above table 110. For incremental forming, an incremental forming tool 150 is mounted on the spindle, and a form portion 20 is formed on the workpiece 10. When incremental forming is completed, the tool on the spindle is replaced with a straightening tool 200, and hot air is blown out from the straightening tool 200 to anneal the edge lines 20a and 20b of the form portion 20 and to eliminate process strain.